PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3930627

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY J. SLEASMAN	06/20/2016
MATTHEW KURYLOSKI	06/20/2016
PERICLES PAPAGEORGE	06/20/2016

RECEIVING PARTY DATA

Name:	XORAIL, LLC
Street Address:	5011 GATE PARKWAY
Internal Address:	BUILDING 100, SUITE 400
City:	JACKSONVILLE
State/Country:	FLORIDA
Postal Code:	32256

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15189379

CORRESPONDENCE DATA

Fax Number: (412)471-4094

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 412-471-8815

Email: assignments@webblaw.com THE WEBB LAW FIRM **Correspondent Name:** Address Line 1: ONE GATEWAY CENTER

Address Line 2: 420 FT. DUQUESNE BLVD., SUITE 1200 Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	6233-1510852	
NAME OF SUBMITTER:	NATHAN J. PREPELKA, REG. NO. 43,016	
SIGNATURE:	/Nathan J. Prepelka/	
DATE SIGNED:	06/22/2016	

Total Attachments: 4

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> **PATENT REEL: 038986 FRAME: 0866** 503883978

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> PATENT REEL: 038986 FRAME: 0867

RECORDATION FORM COVER SHEET Attorney Docket No. 6233-1510852	
PATENTS ONLY To the Direct of the U.S. Pelester of The Journal Officer Please property the attached decomposite on the pow address (see helps)	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies)	
1. Name of conveying party(ies) Gregory J. Sleasman	Name: XORAIL, LLC
Matthew Kuryloski	
Pericles Papageorge	Internal Address: Building 100, Suite 400
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s):	Street Address: 5011 Gate Parkway
Execution Date(s) June 20, 2016	
✓ Assignment Merger	
Security Agreement Change of Name	City: Jacksonville
Joint Research Agreement	State: FL
Government Interest Assignment	Country: Zip: 32256
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? Yes V
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63).
A. Patent Application No.(s)	B. Patent No.(s)
15/189,379	,
Additional numbers at	ached? Yes ✓ No
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: 1
Name: Richard L. Byrne	
	7. Total fee (37 CFR 1.21(h) & 3.41) \$
Name: <u>Richard L. Byrne</u>	
Name: Richard L. Byrne Internal Address: The Webb Law Firm	7. Total fee (37 CFR 1.21(h) & 3.41) \$
Name: <u>Richard L. Byrne</u>	7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account
Name: Richard L. Byrne Internal Address: The Webb Law Firm Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200	7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account Enclosed
Name: Richard L. Byrne Internal Address: The Webb Law Firm Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200 City: Pittsburgh	7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
Name: Richard L. Byrne Internal Address: The Webb Law Firm Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200 City: Pittsburgh	7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information
Name: Richard L. Byrne Internal Address: The Webb Law Firm Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200 City: Pittsburgh State: PA Zip: 15222 Phone Number: 412-471-8815	7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
Name: Richard L. Byrne Internal Address: The Webb Law Firm Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200 City: Pittsburgh State: PA Zip: 15222	7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information
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Name: Richard L. Byrne Internal Address: The Webb Law Firm Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200 City: Pittsburgh State: PA Zip: 15222 Phone Number: 412-471-8815 Docket Number: 6233 - 1510852 Email Address: assignments@webblaw.com 9. Signature: Nathan J. Prepelka, Reg. No. 43,016 Name of Person Signing	7. Total fee (37 CFR 1.21(h) & 3.41) \$

PATENT REEL: 038986 FRAME: 0868

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in SYSTEM, METHOD, AND APPARATUS FOR TESTING A TRAIN MANAGEMENT SYSTEM ON A ROAD-RAIL VEHICLE (Invention Title) for which a United States Provisional Patent application was filed on _____(mm/dd/yyyy) and bears Application Number _____ (hereinafter "said application"). AND/OR X for which I have this day executed an application for a United States Patent (hereinafter "said application"). AND/OR for which an application for a United States Patent was filed on and bears Application Number (hereinafter "said application"). AND/OR for which an international patent application was filed under the Patent Cooperation Treaty (mm/dd/yyyy), bearing Application No. (hereinafter "said application"). AND, WHEREAS, XORAIL, LLC, a corporation of Delaware, having a place of business at Building 100, Suite 400 5011 Gate Parkway, Jacksonville, FL 32256, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed. NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made. I hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. 15/189, 379) filed O6/22/2016) the filing date and application number of said application when known. I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

Page 1 of 3

Application N	0.
Attorney Docket No.	6233-1510852

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

FULL NAME OF ASSIGNOR: Gregory J. Sleasman	RESIDENCE: Haverford, PA
EXECUTED this 20 day of June,	2016 Sq. Sen
STATE of Penhsylvahin	SIGNATURE
COUNTY of <u>Pelaune</u>	O
On this Quaday of June, in the year	YEAR NOTARY PUBLIC NAME
a notary public, personally appeared	Gregory J. Sleasman
and acknowledged he/she executed the same.	NAME OF DOCUMENT SIGNER the person whose name is subscribed to this instrument,
I certify under Penalty of Perjury under the laws that the foregoing paragraph is true and correct.	
	Witness my hand and official seal.
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Jordan Lee Howard, Notary Public Lower Merion Twp., Montgomery County My Commission Expires Feb. 10, 2019 MEMBER PENNSYLVANIA ASSIGNATION OF ROTARIES	NOTARY PUBLIC S E A L
	X 48.2 4.4 7.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4

Checked Box indicates <u>i</u> additional page(s) for inventor signatures.

	Attorney Docket No. 6233-1510852
FULL NAME OF ASSIGNOR: Matthew Kuryloski	RESIDENCE: Havertown, PA
EXECUTED this 20 day of June,	2016 Matter Signature
STATE of <u>Vennsylvana</u>	SKIMATOKE
COUNTY of Delawive)	
On this Qu day of Jone, in the year	or Zo/6, before me Jordan Lee Howard,
a notary public, personally appeared	Matthew Kuryloski
proved on the basis of satisfactory evidence to be t and acknowledged he/she executed the same. I certify under Penalty of Perjury under the laws	name of document signer the person whose name is subscribed to this instrument, of the State of Femsylvania
that the foregoing paragraph is true and correct.	of the State of <u>4.7/1/3</u> 9/300//4
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Jordan Lee Howard, Notary Public Lower Merion Twp., Montgomery County My Commission Expires Feb. 10, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTABLES	Witness my hand and official seal, NOTARY PUBLIC S E A L
3. FULL NAME OF ASSIGNOR: Pericles Papageorge	RESIDENCE: Aston, PA 2016
STATE of Pennsyllang)	JOS SIGNATURE
COUNTY of Delawere)	
	ar 2016, before me Jorsen Lie Howard
a notary public, personally appeared	Pericles Papageorge
proved on the basis of satisfactory evidence to be t and acknowledged he/she executed the same.	NAME OF DOCUMENT SIGNER the person whose name is subscribed to this instrument,
I certify under Penalty of Perjury under the laws that the foregoing paragraph is true and correct.	
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Jordan Lee Howard, Notary Public Lower Merion Twp Montgomery County My Commission Expires Feb. 10, 2019 MEMBER, PERNSYLVANIA ASSOCIATION OF NOTABLES	NOTARY PUBLIC S

Page 3 of 3

Application No.